

Title (en)
DEVICES FOR HEART VALVE REPAIR

Title (de)
VORRICHTUNGEN ZUR HERZKLAPPENREPARATUR

Title (fr)
DISPOSITIFS POUR RÉPARATION DE VALVULE CARDIAQUE

Publication
EP 4285865 A3 20240228 (EN)

Application
EP 23190817 A 20190517

Priority

- US 201862673680 P 20180518
- US 201862767958 P 20181115
- US 2019032976 W 20190517
- EP 19803515 A 20190517

Abstract (en)
A system for reshaping a valve annulus includes an elongate template having a length along a longitudinal axis and at least one concavity in a generally lateral direction along said length. The preshaped template is positioned against at least a region of an inner peripheral wall of the valve annulus, and at least one anchor on the template is advanced into a lateral wall of the valve annulus to reposition at least one segment of the region of the inner peripheral wall of the valve annulus into said concavity. In this way, a peripheral length of the valve annulus can be foreshortened and/or reshaped to improve coapting of the valve leaflets and/or to eliminate or decrease regurgitation of a valve.

IPC 8 full level
A61F 2/24 (2006.01)

CPC (source: EP)
A61F 2/2445 (2013.01); **A61F 2/2466** (2013.01); **A61F 2220/0016** (2013.01); **A61F 2250/001** (2013.01)

Citation (search report)

- [A] US 2016346084 A1 20161201 - TAYLOR DAVID M [US], et al
- [A] WO 2016130991 A1 20160818 - MILLIPEDE INC [US]
- [A] WO 2014195786 A2 20141211 - ALON DAVID [IL]
- [A] EP 2889019 A1 20150701 - VALTECH CARDIO LTD [IL]

Designated contracting state (EPC)
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DOCDB simple family (publication)
WO 2019222694 A1 20191121; CN 112423709 A 20210226; EP 3793483 A1 20210324; EP 3793483 A4 20220316; EP 3793483 B1 20230920; EP 4285865 A2 20231206; EP 4285865 A3 20240228; JP 2021526398 A 20211007

DOCDB simple family (application)
US 2019032976 W 20190517; CN 201980047861 A 20190517; EP 19803515 A 20190517; EP 23190817 A 20190517; JP 2020564478 A 20190517